

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| S1    | 486487 | (one or single or individual) with carrier                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/12 10:41 |
| S2    | 197316 | (multi or multiple or plural\$3 or several or numerous) with carrier | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/12 10:42 |
| S3    | 126408 | S1 and S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:54 |
| S4    | 88494  | S1 same S2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:54 |
| S5    | 142982 | base adj station   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:54 |
| S6    | 4576   | S4 and S5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:54 |
| S7    | 1813   | S4 same S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:55 |
| S8    | 489    | S7 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:55 |
| S9    | 884    | S7 and "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/03/09 09:55 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S10 | 1159  | S7 and CDMA  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/09 09:56 |
| S11 | 295   | S10 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/09 10:53 |
| S12 | 580   | S10 and "455"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/09 12:17 |
| S13 | 38424 | (one or single or individual) adj<br>carrier                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:39 |
| S14 | 61423 | (one or single or individual) adj<br>frequency                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 10:41 |
| S15 | 53152 | (multi or multiple or plural\$3 or<br>several or numerous) adj frequency | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:40 |
| S18 | 13558 | S14 and S15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 10:42 |
| S19 | 5337  | S14 same S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 10:42 |
| S20 | 14    | S19 and basestation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:38 |
| S21 | 3910  | 455/560,561,426.1,400,61.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:39 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S22 | 97453  | (one or single or individual) adj<br>(carrier or frequency)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:40 |
| S23 | 72085  | (multi or multiple or plural\$3 or<br>several or numerous) adj<br>(frequency or carrier) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:40 |
| S24 | 20891  | S22 and S23  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:40 |
| S25 | 176    | S21 and S24  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:41 |
| S26 | 6      | S25 and basestation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:46 |
| S27 | 144099 | (base adj station) or basestation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:47 |
| S28 | 28246  | S27 with (transceiver or<br>transmitter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:47 |
| S29 | 20541  | cdma and tdma  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:47 |
| S30 | 5460   | S28 and S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:47 |
| S31 | 2900   | S30 and "455"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 11:48 |

## EAST Search History

|     |         |                                   |   |    |    |                  |
|-----|---------|-----------------------------------|---|----|----|------------------|
| S32 | 335     | S21 and S30                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:30 |
| S33 | 2083    | S30 and "370"/\$.cls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:31 |
| S34 | 3548776 | carrier or frequency              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:31 |
| S35 | 1995    | S33 and S34                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:31 |
| S36 | 3949    | (cdma or tdma) with transceiver   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:32 |
| S37 | 144099  | basestation or (base adj station) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:32 |
| S38 | 2565    | S36 and S37                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:32 |
| S39 | 3072    | cdma with transceiver             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:33 |
| S40 | 1607    | tdma with transceiver             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:33 |
| S41 | 699     | S39 same S40                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 12:33 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S42 | 422    | S37 and S41  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 13:27 |
| S43 | 2      | "5592480".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 13:31 |
| S44 | 2      | "5790549".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 13:31 |
| S45 | 20     | ("5654968"   "5956642"  <br>"6014374"   "6018528"   "6078576"<br>  "6175550"   "6405039"  <br>"6407993").PN. OR ("6631124").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/12 13:42 |
| S46 | 5      | "635867".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 14:21 |
| S47 | 133550 | carrier with frequency   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 14:21 |
| S48 | 11365  | cdma and S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 14:23 |
| S49 | 3607   | S48 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 14:23 |
| S50 | 63     | ("4868811"   "4914649"  <br>"5029180"   "5134615"   "5210771"<br>  "5221983"   "5260967"  <br>"5272556"   "5295153"   "5317593"<br>  "5533013"   "5539730"  <br>"5577024"   "5581548").PN. OR<br>("6018528").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2007/03/12 14:37 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S51 | 63 | ("4868811"   "4914649"  <br>"5029180"   "5134615"   "5210771"<br>  "5221983"   "5260967"  <br>"5272556"   "5295153"   "5317593"<br>  "5533013"   "5539730"  <br>"5577024"   "5581548").PN. OR<br>("6018528").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/03/12 14:47 |
|-----|----|--|------------------------------|----|----|------------------|

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S52 | 533 | ("5774795" "6130916" "5461627"<br>"4479215" "5361395" "5805684"<br>"6031863" "6178330" "4506357"<br>"4538263" "5271039" "5502724"<br>"5504783" "5526529" "5533012"<br>"5561847" "5602742" "5659892"<br>"5835530" "5838674" "5845209"<br>"5875402" "5907797" "5926761"<br>"6035291" "6041238" "6061337"<br>"6226626" "6226626" "4288868"<br>"4291197" "4312075" "4380062"<br>"4420842" "4475209" "4488004"<br>"4506383" "4513427" "4561117"<br>"4563651" "4583090" "4596042"<br>"4602274" "4757460" "4801940"<br>"4816825" "4821264" "4831662"<br>"4856028" "4901311" "4928177"<br>"4934983" "5019828" "5027341"<br>"5195108" "5200951" "5263052"<br>"5267297" "5274665" "5302914"<br>"5327433" RE34676 "5335355"<br>"5337306" "5347521" "5349694"<br>"5351272" "5369642" "5369782"<br>"5375123" "5410729" "5452329"<br>"5481545" "5488611" "5493693"<br>"5530920" "5541552" "5561686"<br>"5577025" "5581554" "5594949"<br>"5598287" "5613210" "5613200"<br>"5629649" "5629942" "5640385"<br>"5666654" "5689525" "5691979"<br>"5717722" "5737330" "5742414"<br>"5742640" "5745535" "5745842"<br>"5748717" "5754942" "5761622"<br>"5767738" "5787338" "5796722"<br>"5809414" "5835489" "5838735"<br>"5841778" "5841765" "5848361"<br>"5857404" "5867792" "5896561"<br>"5903638" "5910947" "5912963"<br>"5924020" "5930248" "5933421"<br>"5940515" "5943619" "5943606"<br>"5956642" "5956345" "5966644"<br>"5974319" "5987020" "5995846"<br>"6021329" "6028854" "6031865"<br>"6032185" "6044268" "6050768"<br>"6061389" "6061568" "6061568"<br>"6061389" "6064994" "6064678"<br>"6066984" "6069871" "6072792"<br>"6072778" "6075795" "6078796"<br>"6081727" "6091715" "6094571"<br>"6097706" "6111923" "6129496"<br>"6148197" "6151533" "6154659"<br>"6157812" "6167270" "6169742"<br>"6173006" "6181924" "6198924"<br>"6205336" "6208683" "6226521"<br>"6226521" "6230021" "6233456"<br>"6388518" "3629707" "3628147"<br>"3617644" "3613019" "3610829"<br>"3584220" "3573379" "3705412"<br>"3665477" "3913017" "3911415" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/12 15:41 |
|-----|-----|--|---|----|----|------------------|

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S53 | 43739 | array\$4 with sequence                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 09:50 |
| S54 | 1445  | (time adj slot) with qualit\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:26 |
| S55 | 880   | S54 and (CDMA or TDMA)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:03 |
| S56 | 561   | S55 and "370"/\$.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:04 |
| S57 | 746   | S55 and (basestation or (base adj station)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:04 |
| S58 | 490   | S57 and "370"/\$.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:04 |
| S59 | 3086  | (time adj slot) with assign                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:37 |
| S60 | 89    | S59 with total                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:27 |



## EAST Search History

|                      |    |   |                                |    |    |                  |
|----------------------|----|---|--------------------------------|----|----|------------------|
| S61                  | 76 | (US-20040048611-\$ or<br>US-20060073836-\$ or<br>US-20040029579-\$ or<br>US-20060099985-\$ or<br>US-20060099984-\$ or<br>US-20040052228-\$ or<br>US-20050130645-\$ or<br>US-20010016504-\$ or<br>US-20040214608-\$ or<br>US-20030064753-\$ or<br>US-20060153075-\$ or<br>US-20060040672-\$ or<br>US-20030123404-\$ or<br>US-20060183440-\$ or<br>US-20060154684-\$ or<br>US-20060040653-\$ or<br>US-20050197064-\$ or<br>US-20050207345-\$ or<br>US-20040233888-\$ or<br>US-20040252724-\$ or<br>US-20030123414-\$ or<br>US-20030058881-\$ or<br>US-20010036163-\$ or<br>US-20020001293-\$ or<br>US-20050243785-\$ or<br>US-20050059401-\$).did. or<br>(US-20050003796-\$ or<br>US-20040198276-\$ or<br>US-20030003913-\$ or<br>US-20030125039-\$ or<br>US-20030119505-\$ or<br>US-20030216122-\$ or<br>US-20040132457-\$ or<br>US-20030171139-\$ or<br>US-20040032847-\$ or<br>US-20030195007-\$ or<br>US-20020051424-\$).did. or<br>(US-7106707-\$ or US-6965585-\$ or<br>US-6795427-\$ or US-6741583-\$ or<br>US-6631124-\$ or US-6438117-\$ or<br>US-6282184-\$ or US-7061898-\$ or<br>US-6973064-\$ or US-7151933-\$ or<br>US-6853843-\$ or US-6785558-\$ or<br>US-7161912-\$ or US-6535739-\$ or<br>US-6411825-\$ or US-6400966-\$ or<br>US-6385457-\$ or US-6697640-\$ or<br>US-6611511-\$ or US-6157845-\$ or<br>US-5592480-\$ or US-6185438-\$ or<br>US-5640385-\$ or US-5790549-\$ or<br>US-6996082-\$ or US-6885651-\$).<br>did. or (US-6018528-\$ or<br>US-7142828-\$ or US-7009953-\$ or<br>US-6963552-\$ or US-6930470-\$ or<br>US-6826160-\$ or US-6563806-\$ or<br>US-6751444-\$ or US-6728538-\$ or<br>US-6307849-\$ or US-6252867-\$ or<br>US-6069871-\$).did. or<br>(US-5592480-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2007/03/13 10:37 |
| 3/13/2007 2:52:18 PM |    | C:\Documents and Settings\hngol\My Documents\EAST\Workspaces\10635867.wsp   |                                |    |    | Page 9           |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S62 | 5163   | (time adj slot) with (assign or allocate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 10:37 |
| S63 | 12     | S61 and S62                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 11:22 |
| S64 | 143235 | memory with array                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/03/13 11:22 |